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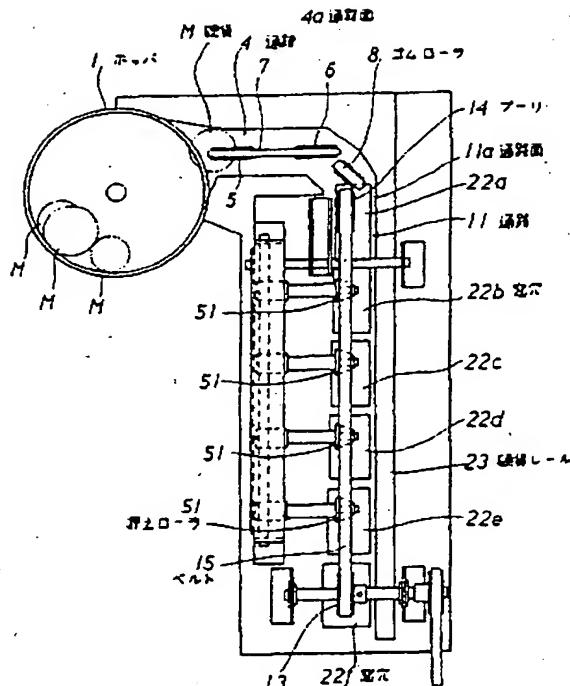
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APPLICANT : FUJI ELECTRIC CO LTD;

INVENTOR : HAYANO YAICHI;

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TITLE : COIN PASSAGE IN COIN TREATING MACHINE



ABSTRACT : PURPOSE: To obtain a passage having smoothness, high hardness and low friction coefficient with a coin by forming the coin passage surface of ferrous metal member and executing hardening treatment and grinding treatment to the surface to be the coin passage in the above member with specular finishing applied.

CONSTITUTION: The coin M is conveyed on the passage surface 4a in the passage 4 from a hopper 1 with a belt 7 hung to pulleys 5, 6 on the coin passage 4 and rubber roller 8, and sent to the coin passage 11 side. Successively, the coin M is dropped from corresponding apertures 22(a-f) while being conveyed on the passage surface 11a in the passage 11 with a conveying belt 15 hung on a driving pulley 13 and a following pulley 14 and housed. In such way, the coin M is slid on the passage surfaces 4a, 11a under the condition of being pushed with the conveying belts 7, 15. As the passage member forming the passages 4, 11, the ferrous metal material with specular finishing applied is used, and to the surface to be passage surfaces 4a, 11a, the hardening treatment is executed on the surface of the ferrous metal member and further, the surface is ground to make the smooth hardened surface.

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